

INFORMATION REPORT

CD NO.
50X1-HUM

COUNTRY Germany (Russian Zone)

DATE DISTR. 13 Aug 51

SUBJECT Biological Institute (Biologische Zentralanstalt für Land- und Forstwirtschaft), Klein-Machnow

NO. OF PAGES 2

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1. The Biologische Zentralanstalt fuer Land- und Forstwirtschaft was moved to its present address in Klein Machnow, Zehlendorferdamm 52

The staff consists of four biologists:

a. Professor Dr. Otto Schlumberger, President of the Institute

b. Dr. Klemm

c. Dr. Berner

d. Dr. Meyer

2. The main research assignments at the Institute are the following:

- (a) Pest destruction: This includes research concerning the destruction of both insects and bacteria which are harmful to plants or which attack stored corn. Physical methods of destruction are being tested, since the treating of corn with chemical insecticides may endanger the health of the consumer. The possibilities of ultrasonic waves, infrared radiation and short waves are to be investigated. The Institute is also cooperating with the recently founded Akademie fuer Land- und Forstwirtschaft in the use of ultrasonic waves in the destruction of forest pests. The former Osram factory is assisting the Institute in the design and construction of infrared radiation sets.
- (b) Microclimatology: Dr. Klemm is to use a secondary climatological observation station (klimatologische Beobachtungsstation 2. Ordnung) which the Institute hopes to receive in the near future.
- (c) Testing the Michurin-Lysenko Theory: Professor Schlumberger believes that the cell plasma itself must also be considered part of the environment which the followers of Michurin believe to affect the chromosomes. He is testing the Michurin Theory from this new standpoint.

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Class. Changed To: TS s (R)
Auth: H8 AUG 1978
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CENTRAL INTELLIGENCE AGENCY



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3. The Institute is having great difficulty in finding chemists who are willing to work there. Chemists find posts in industry much more attractive because of higher salaries and better prospects.
4. The Karrier der Technik is organizing a conference to be held later in the year in Halle, at which physical methods of pest destruction will be discussed. Physicists are to be invited as well as biologists, botanists, and agriculturists.



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